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OW nucleic - nucleic search, using sw model

Run on: June 9, 2003, 05:31:34 ; Search time 66 Seconds
(without alignments)
5269.264 Million cell updates/sec

Title: US-10-091-628-1
Perfect score: 1134
Sequence: 1 atgagagcattcgtccag.....acatcattcatgcatrag 1134

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

ched: 441362 seqs, 153338381 residues

Total number of hits satisfying chosen parameters: 882724

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents NA:
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2: /cgn2_6/ptodata/1/ina/5B_COMB.seq:*
3: /cgn2_6/ptodata/1/ina/6A_COMB.seq:*
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5: /cgn2_6/ptodata/1/ina/PTUS_COMB.seq:*
6: /cgn2_6/ptodata/1/ina/backfiles1.seq:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	320.4	28.3	2263	1	US-08-176-126B-1
2	320.4	28.3	2263	2	US-08-669-435-1
3	320.4	28.3	2263	5	PCT-US94-14431A-1
4	297.8	26.3	1047	1	US-08-176-126B-3
5	297.8	26.3	1047	2	US-08-669-435-3
6	297.8	26.3	1047	5	PCT-US94-14431A-3
7	51.2	4.5	7218	1	US-08-232-463-14
8	39	3.4	592	4	US-09-442-143A-5
9	39	3.4	5403	4	US-09-442-143A-3
10	34.6	3.1	289	4	US-09-007-005-17
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c 30	30.6	2.7	2175	1	US-08-321-668-1	Sequence 1, Appli
c 31	30.6	2.7	2175	1	US-08-837-941-1	Sequence 1, Appli
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c 38	30.6	2.7	4434	5	PCT-US95-13233-5	Sequence 5, Appli
c 39	30.4	2.7	2235	4	US-09-153-804-2	Sequence 2, Appli
c 40	30.4	2.7	2949	4	US-09-412-554A-3	Sequence 3, Appli
c 41	30.4	2.7	3079	4	US-09-643-597-116	Sequence 116, App
c 42	30.4	2.7	3215	1	US-08-426-637-1	Sequence 1, Appli
c 43	30.2	2.7	1965	4	US-09-178-252-26	Sequence 26, Appli
c 44	30	2.6	523	4	US-08-943-731-69	Sequence 69, Appli
c 45	30	2.6	1023	2	US-08-757-653-175	Sequence 175, App

ALIGNMENTS

RESULT 1
US-08-176-126B-1
Sequence 1, Application US/08176126B
Patent No. 5589358

GENERAL INFORMATION:

APPLICANT: Dawson, Paul A.
TITLE OF INVENTION: IDEAL BILE ACID TRANSPORTER COMPOSITIONS AND

TITLE OF INVENTION: METHODS

NUMBER OF SEQUENCES: 5

CORRESPONDENCE ADDRESS:

ADDRESS: Arnold, White & Durkee

STREET: P.O. Box 4433

CITY: Houston

STATE: Texas

COUNTRY: US

ZIP: 77210

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS/ASCII

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/176,126B

FILING DATE: 29-DEC-1993

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Parker, David L.

REGISTRATION NUMBER: 32,165

REFERENCE/DOCKET NUMBER: WAKE:002/PAR

TELECOMMUNICATION INFORMATION:

TELEPHONE: (512) 418-3000

TELEFAX: (512) 474-7577

TELEX: na

INFORMATION FOR SEQ ID NO. 1:

SEQUENCE CHARACTERISTICS:

LENGTH: 2263 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: CDNA

FEATURE:

NAME/KEY: CDS

LOCATION: 109..1152

US-08-176-126B-1

Query Match 28.3% Score 320.4; DB 1; Length 2263;
Best Local Similarity 60.8%; Pred. No. 5.4e-91;
Matches 522; Conservative 0; Mismatches 336; Indels 0; Gaps 0;
80 ATGAAACCTGAGAGCTGTTTACAGAGTGTGTCACGTGATGATGAGGCTGCTCAGT 139

188 AGCCATCTCCAGCGTGTGATGAGACCGTGTCTCAATCCCTAGGCTTGTGATGT 247
 140 TCTCTTTGGGATGTTCCGTGAGATCCGGAAGCTGTGTGACATCAGAGACCTGTGG 199
 248 TTTCCATGGGGTGCATGTGGAATCTCACAAGTTTCTGGAGACCTTAAGCCGCTATGG 307
 200 GCATTGCTGTGGAGCTGTCTGCGAAGTTTGGGCTCAATGCTTTTACAGCTTATCTCTG 259
 308 GCATCTGCTGGGCTCTCTGTGCAAGTTGGAATCAATGCTCTCAAGGTTTCTGTCTGT 367
 260 CCATTAGCTTTCTCTGAAAGCCAGTCAAGCTATGCTGTCTCAATGCTGCTGTGCTG 319
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RESULT 2

US-08-669-435-1
 Sequence 1, Application US/08669435

Patent No. 5869265
 GENERAL INFORMATION:
 APPLICANT: Dawson, Paul A.
 TITLE OF INVENTION: ILEAL BILE ACID TRANSPORTER COMPOSITIONS AND
 NUMBER OF SEQUENCES: 5
 CORRESPONDENCE ADDRESSES:
 ADDRESSES: Arnold, White & Durkee
 STREET: P.O. Box 4433
 CITY: Houston

STATE: Texas
 COUNTRY: US
 ZIP: 77210
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS/ASCII
 SOFTWARE: Patentin Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/669,435
 FILING DATE: 26-JUN-1996
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/176,126
 FILING DATE: 29-DEC-1993
 CLASSIFICATION:
 ATTORNEY/AGENT INFORMATION:
 NAME: Parker, David L.
 REGISTRATION NUMBER: 32,165
 REFERENCE/DOCKET NUMBER: WAKE:002/PAR
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (512) 418-3000
 TELEFAX: (512) 474-7577
 TELEX: na
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 2263 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 FEATURE:
 NAME/KEY: CDS
 LOCATION: 109..1152
 US-08-669-435-1

Query Match 28.3% Score 320.4; DB 2; Length 2263;
 Best Local Similarity 60.8% Pred. No. 5.4e-91;
 Matches 522; Conserved 0; Mismatches 336; Indels 0; Gaps 0;

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● 860 TGAGTTTCCCATGGCTATGAGACTCTTCCAGCTGATGATGATTTCTTATGTTGAG 919
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Db 1028 CTTATGTGCAATACAGAGA 1045

RESULT 3
PCT-US94-14431A-1
; Sequence 1, Application PC/TUS9414431A
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: IDEAL BILE ACID TRANSPORTER COMPOSITIONS
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P. O. Box 4433
; CITY: Houston
; STATE: Texas
; COUNTRY: United States of America
; ZIP: 77210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS/ASCII
; SOFTWARE: Patent Release #1.0, Version
; SOFTWARE: #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/14431A
; FILING DATE: 29-DEC-1994
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: USN 08/176,126
; FILING DATE: 29-DEC-1993
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: PARKER, DAVID L.
; REGISTRATION NUMBER: 32,165
; REFERENCE/DOCKET NUMBER: WAKE005P--
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (512) 418-3000
; TELEFAX: (713) 789-2679
; TELEX: 79-0924(1) GENERAL INFORMATION:
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2263 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; FEATURE:
; NAME/KEY: CDS

LOCATION: 109..1152
PCT-US94-14431A-1

Query Match	28.3%	Score 320.4	DB 5	Length 2263
Best Local Similarity	60.8%	Pred. No. 5.4e-91		
Matches 522	Conservative 0	Mismatches 336	Indels 0	Gaps 0
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Qy 320 CGGGGGGACCATCTTAACAATTTTCACTTCTGGGTTGATGAGATATGATCTCAACA 379				
Db 428 CTGAGGAAGATGCTCTCAATATCTCTAGCTATGAGTATGAGGAGCATGAGACCTCAAG 487				
Qy 380 TCAGTATGACAACTGTCTTCCACCGTGGCGGCTGGGAAATGATGCCACTGTGATATC 439				
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Db 908 CTCAGCTGTGTCCACCATGTGCGAGCTTCTTCAGCCCTGAGGACCTCAACCTTGTGT 967				
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RESULT 4
US-08-176-126B-3
; Sequence 3, Application US/08176126B
; Patent No. 5589358
; GENERAL INFORMATION:

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1  APPLICANT: Dawson, Paul A.
2  TITLE OF INVENTION: ILEAL BILE ACID TRANSPORTER COMPOSITIONS AND
3  TITLE OF INVENTION: METHODS
4  NUMBER OF SEQUENCES: 5
5  CORRESPONDENCE ADDRESSES:
6  ADDRESSEE: Arnold, White & Durkee
7  STREET: P. O. Box 4433
8  CITY: Houston
9  STATE: Texas
10 COUNTRY: US
11 ZIP: 77210
12
13 COMPUTER READABLE FORM:
14 MEDIUM TYPE: Floppy disk
15 COMPUTER: IBM PC compatible
16 OPERATING SYSTEM: PC-DOS/MS-DOS/ASCII
17 SOFTWARE: Patentin Release #1.0, Version #1.25
18
19 CURRENT APPLICATION DATA:
20 APPLICATION NUMBER: US/08/176,126B
21 FILING DATE: 29-DEC-1993
22
23 CLASSIFICATION: 435
24
25 ATTORNEY/AGENT INFORMATION:
26 NAME: Parker, David L.
27 REGISTRATION NUMBER: 32,165
28 REFERENCE/DOCKET NUMBER: MALE:002/PAR
29 TELECOMMUNICATION INFORMATION:
30 TELEPHONE: (512) 418-3000
31 TELEFAX: (512) 474-7577
32
33 TEXT: na
34
35 INFORMATION FOR SEQ ID NO: 3:
36 SEQUENCE CHARACTERISTICS:
37 LENGTH: 1047 base pairs
38 TYPE: nucleic acid
39 STRANDEDNESS: single
40 TOPOLOGY: linear
41 MOLECULE TYPE: CDNA
42
43 FEATURE:
44 - NAME/KEY: CDS
45 LOCATION: 1..1044
46 US-08-176-126B-3
47
48
49 Query Match 26.3%; Score 297.8; DB 1; Length 1047;
50 Best Local Similarity 58.5%; Pred. No. 4.7e-84;
51 Matches 518; Conservative 0; Mismatches 367; Indels 0; Gaps 0
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1      RESULT 5
2      US-08-669-435-3
3      : Sequence 3, Application US/08669435
4      : Patent No. 5869265
5      :
6      : GENERAL INFORMATION:
7      : APPLICANT: Dawson, Paul A.
8      : TITLE OF INVENTION: ILEAL BILE ACID TRANSPORTER COMPOSITIONS AND
9      : TITLE OF INVENTION: METHODS
10     : NUMBER OF SEQUENCES: 5
11     :
12     : CORRESPONDENCE ADDRESSES:
13     : ADDRESSEE: Arnold, White & Durkee
14     : STREET: P.O. Box 4433
15     : CITY: Houston
16     : STATE: Texas
17     : COUNTRY: US
18     :
19     : ZIP: 77210
20     :
21     : COMPUTER READABLE FORM:
22     : MEDIUM TYPE: Floppy disk
23     : COMPUTER: IBM PC compatible
24     : OPERATING SYSTEM: PC-DOS/MS-DOS/ASCII
25     : SOFTWARE: Patentin Release #1.0, Version #1.25
26     :
27     : CURRENT APPLICATION DATA:
28     : APPLICATION NUMBER: US/08/669,435
29     : FILING DATE: 26-JUN-1996
30     :
31     : CLASSIFICATION:
32     : PRIOR APPLICATION DATA:
33     : APPLICATION NUMBER: US 08/176,126
34     : FILING DATE: 29-DEC-1993
35     :
36     : CLASSIFICATION:
37     : ATTORNEY/AGENT INFORMATION:
38     : NAME: Parker, David L.
39     : REGISTRATION NUMBER: 32,165
40     : REFERENCE/DOCKET NUMBER: WAKE.002/PAR
41     : TELECOMMUNICATION INFORMATION:
42     : TELEPHONE: (512) 418-3000
43     : TELEFAX: (512) 474-7577
44     :
45     : TELEX: na
46     :
47     : INFORMATION FOR SEQ ID NO: 3:
48     : SEQUENCE CHARACTERISTICS:
49     : LENGTH: 1047 base pairs
50     : TYPE: nucleic acid

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STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
FEATURE:
NAME/KEY: CDS
LOCATION: 1..1044
US-08-669-435-3

Query Match 26.3%; Score 297.8; DB 2; Length 1047;
Best Local Similarity 58.5%; Pred. No. 4,7e-84;
Matches 518; Conservative 0; Mismatches 367; Indels 0; Gaps 0;

QY 80 ATGAAACCTGGAGCTGCTTTTACAGATGTCCTGATGATGAGGAGCTGCTCAGT 139
DB 80 ATAACTCTTAAGTGTGCTTCAATAGAGTCTGATCCTGATGCTGATGCTGATG 139
QY 140 TCTCTTTGGAGTGTTCCTGAGATCCGAGAGCTGTGTCGACATCAGAGACCTTGG 199
DB 140 TCTCCATGGAGATGCAACGTGGAAATCAAGAAATTTCTAGGGCACAATAAGCGCGCTGG 199
QY 200 GCATTGCTGGGAGATGCTGCTGCGAGCTGCTGATGCTTTTACAGTTATCTCCCTGG 259
DB 200 GCATTGCTGGGAGATGCTGCTGCGAGCTGCTGATGCTTTTACAGTTATCTCCCTGT 259
QY 260 CCATTAGCTTTTCTCTGAAGCCAGTCAAGCTATTGCTGCTCATCATAGGCTGCTGCC 319
DB 260 CGGTGGCTTTTGAACCTCTCCCGCTCCAGCGCTAGTGTGCTCATTTATAGAGTCTGCC 319
QY 320 CGGGGGGACCATCTCTTAACATTTTACCTTCTGGGTTGATGAGATATGATCTCAGCA 379
DB 320 CTGGAGAACTGCTCCCAATATCTTGGGCTTATGGGTCGATGGCAGATGACCTGAGCG 379
QY 380 TCAGATATGCAACCTGTTCCACCGGCGCGCTGGAAATGATGACCTGCTGATTTATC 439
DB 380 TCAGATATGCAACCTGTTCCACCGGCGCGCTGGAAATGATGACCTGCTGATTTATC 439
QY 440 TCTACACCTGCTGCTGAGTCTTTCAGCAATCTCACATCTCTTATCAGAACATAGAA 499
DB 440 TCTATACCAAAATGAGGCTGCTGAGGAGATGATTTCTTATATATATAGATAGTA 499
QY 500 TTACCTTGTGTGCTGACCATCTCTGAGCTTGTGTCTATGATGATTAAGATGAC 559
DB 500 CATCTGCTGTGCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 559
QY 560 CAAACCATCCAAATATCTCAAGATTTGGGCGCTGTTGTGTGTGTGTGTGTGTGTGT 619
DB 560 CCAAAACCAAAAGATCATCTTAAATTTGGGCTGATGCGGCGCGCATCTCATTTGTG 619
QY 620 TGATGAGAGTGTGCTGCTGCTGCTGCGAAAGATTTTGAATTCAGACATCACCTTTC 679
DB 620 TCATGCTGT 679
QY 680 TGACCATGATTTTCTTCTTGTGATGTCAGATGTCAGGGGTTTCTGCTGGACATTT 739
DB 680 GGATATATAGAAACATATTTCTGAGCGGGTTATCTCCCTGGGGTTTCTTCTGCTAGAA 739
QY 740 TTACCCACAGCTTGTGGCAAGGTGACAGCAATTTCTTAAATCTGAGCTCAGATA 799
DB 740 TTGCTGTGTCTACCTGTGATCAGGTGCTCCAGAGGTTTGTAAACGGGGATGCAAGCA 799
QY 800 TTCAGATGTCATCAGCATGCTCCAGTTATCTTCTACCTGTCAGCACTTGTGTCAGATG 859
DB 800 CGGAGCTATGTTCCACATCTCTTCACTCTCTTCACTCTGAGAGCTCATATGCTGAT 859
QY 860 TGAATTTCCCATGCTGATGAGATCTTTCAGCTGATAGATGATTTCTTATGTTGAG 919
DB 860 TCACCTTCCCGCTCATCTACAGCATTTTCCAGCTGCTGCTCCCAATATTTCTAGAT 919
QY 920 CATATCAGACCTTACAGAGAGATTTGAAGAACAAACATGAGAAA 964
DB 920 TTTATGTGCAATCAAGAAATGTCAATGAAAAACAGGACAGAA 964

RESULT 6
PCT-US94-14431A-3
Sequence 3, Application PC/TUS9414431A
GENERAL INFORMATION:
APPLICANT:
TITLE OF INVENTION: IDEAL BILE ACID TRANSPORTER COMPOSITIONS
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Arnold, White & Durkee
STREET: P. O. Box 4433
CITY: Houston
STATE: Texas
COUNTRY: United States of America
ZIP: 77210
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS/ASCII
SOFTWARE: Patentin Release #1.0, Version
SOFTWARE: #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/14431A
FILING DATE: 29-DEC-1994
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/176,126
FILING DATE: 29-DEC-1993
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: PARKER, DAVID L.
REGISTRATION NUMBER: 32,165
REFERENCE/DOCKET NUMBER: WAK005P--
TELECOMMUNICATION INFORMATION:
TELEPHONE: (512) 418-3000
TELEFAX: (713) 789-2679
TELEX: 79-0924(1) GENERAL INFORMATION:
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 1047 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
FEATURE:
NAME/KEY: CDS
LOCATION: 1..1044
PCT-US94-14431A-3
Query Match 26.3%; Score 297.8; DB 5; Length 1047;
Best Local Similarity 58.5%; Pred. No. 4,7e-84;
Matches 518; Conservative 0; Mismatches 367; Indels 0; Gaps 0;

QY 80 ATGAAACCTGGAGCTGCTTTTACAGATGTCCTGATGATGAGGAGCTGCTCAGT 139
DB 80 ATAACTCTTAAGTGTGCTTCAATAGAGTCTGATCCTGATGCTGATGCTGATG 139
QY 140 TCTCTTTGGAGTGTTCCTGAGATCCGAGAGCTGTGTCGACATCAGAGACCTTGG 199
DB 140 TCTCCATGGAGATGCAACGTGGAAATCAAGAAATTTCTAGGGCACAATAAGCGCGCTGG 199
QY 200 GCATTGCTGGGAGATGCTGCTGCGAGCTGCTGATGCTTTTACAGTTATCTCCCTGG 259
DB 200 GCATTGCTGGGAGATGCTGCTGCGAGCTGCTGATGCTTTTACAGTTATCTCCCTGT 259
QY 260 CCATTAGCTTTTCTCTGAAGCCAGTCAAGCTATTGCTGCTCATCATAGGCTGCTGCC 319
DB 260 CGGTGGCTTTTGAACCTCTCCCGCTCCAGCGCTAGTGTGCTCATTTATAGAGTCTGCC 319
QY 320 CGGGGGGACCATCTCTTAACATTTTACCTTCTGGGTTGATGAGATATGATCTCAGCA 379
DB 320 CTGGAGAACTGCTCCCAATATCTTGGGCTTATGGGTCGATGGCAGATGACCTGAGCG 379
QY 380 TCAGATATGCAACCTGTTCCACCGGCGCGCTGGAAATGATGACCTGCTGATTTATC 439

DB 380 TACGATGACCAATCTCCACCTCTGCTCCGTAATGATGCGCTGTGCTCTTA 439
QY 440 TCTACACCTGCTGCTGAGTCTTCAGACAGATCTCAATCTCTTATCAGAACATAGAA 499
DB 440 TCTATACCAAAATGATGGGTGCACTCGGAGCATCTGTAATCTCTTATGATACATAGAA 499
QY 500 TTAACCTGTGTGCTGACCATCTCTGTGCTCTTGTGTCTATGTGAATTACAGTGGC 559
DB 500 CATCTCTGTGCTCTGCTGTGCTCTGCTGTGCTCAATGTGTAATCACAAAATGCG 559
QY 560 CAAAACATCCAAATCATCTCAAGATTGGGGCGCTGTGCTGGGGCTCTCTCTG 619
DB 560 CCAAAAGAGCAATCATCTTAATATGGGTCAATCGGGGCGCATCTCTATGTGC 619
QY 620 TGGTCGACGTTGCTGTGCTGTGCTGTGCTGTGCTGTGCTGTGCTGTGCTGTG 679
DB 620 TCTATAGCTGTGTGAGGAAATTTGACCAAGCGCTGTGCTGTGCTGTGCTGTG 679
QY 680 TGACCATCAGTTTCACTCTCTTGTGATGGCCATGTCAAGGCTTTTCTGTGCTGACT 739
DB 680 GATTTATAGAACAAATATTTCTGTGCGGCTTACTCTCTGGGGTCTTCTGTGCTAGAA 739
QY 740 TTACCCACGAGTTGTGCAAGGTGCAAGCAATTTCTTAGAACTGAGCTCAGATA 799
DB 740 TTGCTGTCTACCTGTGACAGGTGCGAAGCGTGTCTTTGAAACGGGAGTGCAGAA 799
QY 800 TTGATGTGATCACCAGTCTCTCAATTTCTTCACTGTGAGCACTGTGCTCAAGT 859
DB 800 CGAGCTATGTCTCACATGCTGTCACTCTCTTCACTGTGAGGAGCTCAATGTGTA 859
QY 860 TGAGTTTCCCACTGCTGCTGTGACTCTTCACTGTATGATGATTTCTTATGTGCTG 919
DB 860 TCACTCTCCGCTCATCTACAGCATTTTCACTGCTGCTGCGCAATATCTTGTGAT 919
QY 920 CATACAGAGTACAGAGAGATTGAAGAACAAAGATGAGAAA 964
DB 920 TTTATGTGATACAGAAATGTATGAGAAAAAACAAGCAGAAA 964

RESULT 7
US-08-232-463-14
Sequence 14, Application US/08232463
GENERAL INFORMATION:
APPLICANT: DOHNER, F.
APPLICANT: SCHEIFLINGER, F.
APPLICANT: FALKNER, F. G.
TITLE OF INVENTION: RECOMBINANT FOMLOX VIRUS
NUMBER OF SEQUENCES: 52
CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
STREET: 1800 Diagonal Road, Suite 500
CITY: Alexandria
STATE: VA
COUNTRY: USA
ZIP: 22313-0299
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/232,463
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/935,313
FILING DATE:
APPLICATION NUMBER: EP 91 114 300.6
FILING DATE: 26-AUG-1991
ATTORNEY/AGENT INFORMATION:
NAME: BENT, Stephen A.

REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 30472/114 IMMU
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 836-9300
TELEFAX: (703) 683-4109
TELEX: 899149
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 7218 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
IMEDIATE SOURCE:
CLONE: pTZapc-F18
US-08-232-463-14

Query Match
Best Local Similarity 9.7%; Pred. No. 1.3e-05;
Matches 44; Conservative 210; Mismatches 198; Indels 0; Gaps 0;

QY 36 TCCCAACAGTTGAGAGAGAGCTGCCAGTGGAGCTGAGTGCATGGAACCTGAGCT 95
DB 1009 TGCCATAGCTCACAGAAATTAATCCGAGCTTGCTGAGGTGAGAGCTTGCGATY 1068
QY 96 CGTTTACAGTGTGCTCACTGTGATGATGGGCTGTCTATGTTCTTTGGATGTT 155
DB 1069 YY 1128
QY 156 CGTGAGATCCGGAAGCTGTGCTGCACATCAGAGACCTGGGGCATTTGCTGGAGCT 215
DB 1129 YY 1188
QY 216 GCTGCGAGTTGGGCTCATGCTTTTACAGCTTATCTCTGCGCATTTAGCTTTCT 275
DB 1189 YY 1248
QY 276 GAAGCATCCAGATATGCTGTCTCATATGAGGCTGTGCGCGGGGGGACACATCTC 335
DB 1249 YY 1308
QY 336 TAAACATTTTCACTTGTGGGTGATGAGATATGATCTCAGACATGATGACAACCTG 395
DB 1309 YY 1368
QY 396 TTCCACCGTGGCGCTGGAGATGACACTGTGATTTATCTTACACTGCTGCTG 455
DB 1369 YY 1428
QY 456 GAGCTTCAGAGATCTCACATCTTATC 487
DB 1429 YYYVYGTACAAATTTCTTATCTTTTAC 1460

RESULT 8
US-09-442-143A-5/C
Sequence 5, Application US/09442143A
Patent No. 6403089
GENERAL INFORMATION:
APPLICANT: Levy, Gary
APPLICANT: Clark, David A.
TITLE OF INVENTION: Methods of Modulating Immune Coagulation
FILE REFERENCE: 9579-14
CURRENT APPLICATION NUMBER: US/09/442,143A
PRIOR FILING DATE: 1999-11-15
PRIOR APPLICATION NUMBER: US 60/046,537
PRIOR FILING DATE: 1997-05-17
PRIOR APPLICATION NUMBER: US 60/061,684
PRIOR FILING DATE: 1997-10-10
NUMBER OF SEQ ID NOS: 53
SOFTWARE: Patentin version 3.1
SEQ ID NO 5
LENGTH: 592
TYPE: DNA

ORGANISM: Murine
US-09-442-143A-5

Query Match 3.4%; Score 39; DB 4; Length 592;
Best Local Similarity 52.8%; Pred. No. 0.02;
Matches 84; Conservative 0; Mismatches 75; Indels 0; Gaps 0;

QY 767 GGACAAATTCCTTAGAACTGGAGCTCAGATATTCAGATGTCATCCATGCTCCAGT 826
DB 554 GAACCTTGCCATCCAACTGTTGACACACGCTTAGATTGCGCATTTGTTGCCAG 495
QY 827 TATCTTTCAGCTGCTGAGCAGCTTGTCAGATGTTAGTTCCCACTGGCTTAGACTCT 886
DB 494 TAGTCTCAGATGTTGTTGATATTACAGATGAGGCTCCAGGCGCCCTGCAGCCCC 435
QY 887 TCCAGCTGATAGATGATTTCTTATTTGTTGCAGCATATC 925
DB 434 TGGATCTGTCCTTTCGATTTCTTTCAGCTCTGAGGACAGC 396

RESULT 9

US-09-442-143A-3/c
Sequence 3, Application US/09442143A

Patent No. 6403089
GENERAL INFORMATION:
APPLICANT: Levy, Gary
APPLICANT: Clark, David A.
TITLE OF INVENTION: Methods of Modulating Immune Coagulation
FILE REFERENCE: 95/79-14
CURRENT APPLICATION NUMBER: US/09/442,143A
CURRENT FILING DATE: 1999-11-15
PRIOR APPLICATION NUMBER: US 60/046,537
PRIOR FILING DATE: 1997-05-17
PRIOR APPLICATION NUMBER: US 60/061,684
PRIOR FILING DATE: 1997-10-10
NUMBER OF SEQ ID NOS: 53
SOFTWARE: PatentIn version 3.1
SEQ ID NO 3
LENGTH: 5403
TYPE: DNA
ORGANISM: Murine
US-09-442-143A-3

Query Match 3.4%; Score 39; DB 4; Length 5403;
Best Local Similarity 52.8%; Pred. No. 0.076;
Matches 84; Conservative 0; Mismatches 75; Indels 0; Gaps 0;

DB 767 GGACAAATTCCTTAGAACTGGAGCTCAGATATTCAGATGTCATCCATGCTCCAGT 826
1823 GAACCTTGCCATCCAACTGTTGACACACGCTTAGATTGCGCATTTGTTGCCAG 1764
QY 827 TATCTTTCAGCTGCTGAGCAGCTTGTCAGATGTTAGTTCCCACTGGCTTAGACTCT 886
DB 1763 TAGTCTCAGATGTTGTTGATATTACAGATGAGGCTCCAGGCGCCCTGCAGCCCC 1704
QY 887 TCCAGCTGATAGATGATTTCTTATTTGTTGCAGCATATC 925
DB 1703 TGGATCTGTCCTTTCGATTTCTTTCAGCTCTGAGGACAGC 1665

RESULT 10

US-09-007-005-17/c
Sequence 17, Application US/09007005B

Patent No. 6258558
GENERAL INFORMATION:
APPLICANT: Szostak, Jack W.
APPLICANT: Roberts, Richard W.
APPLICANT: Liu, Rihc
TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN
FILE REFERENCE: 00786/350003
CURRENT APPLICATION NUMBER: US/09/007,005B
CURRENT FILING DATE: 1998-01-14

EARLIER APPLICATION NUMBER: 60/035,963
EARLIER FILING DATE: 1997-01-27
EARLIER APPLICATION NUMBER: 60/064,491
EARLIER FILING DATE: 1997-11-06
NUMBER OF SEQ ID NOS: 33
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 17
LENGTH: 289
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Translation template
NAME/KEY: misc feature
LOCATION: (1)-(289)
OTHER INFORMATION: n = A,T,C or G
US-09-007-005-17

Query Match 3.1%; Score 34.6; DB 4; Length 289;
Best Local Similarity 6.7%; Pred. No. 0.32;
Matches 13; Conservative 84; Mismatches 98; Indels 0; Gaps 0;

QY 218 TCTGCCAGTTGGGCTCAGCGCTTTTACAGCTTATCTCTGCGCATTTCTCTGA 277
DB 261 TAYGCVGYCAVAVGYATYTAAGCYGCVAVGYCYTGYSYNNYSYNNYSYNN 202
QY 278 AGCCAGTCCAGCTATGCTGTTCTCATCATGCGGCTGCGCGGGGGGACCATCTTA 337
DB 201 YSYNNYSYNNYSYNNYSYNNYSYNNYSYNNYSYNNYSYNNYSYNNYSYNN 142
QY 338 ACATTTTCACCTTGGGTTGATGAGATGATGATGATGATGATGATGATGATGAT 397
DB 141 YSYNNYSYNNYSYNNYSYNNYSYNNYSYNNYSYNNYSYNNYSYNNYSYNN 82
QY 398 CCACCGTGGCGGCC 412
DB 81 YSYNNYSYNNYSYNNYSYNNYSYNNYSYNNYSYNNYSYNNYSYNNYSYNN 67

RESULT 11

US-09-244-796-17/c
Sequence 17, Application US/09244796

Patent No. 6281344
GENERAL INFORMATION:
APPLICANT: Szostak, Jack W.
APPLICANT: Roberts, Richard W.
APPLICANT: Liu, Rihc
TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN
FILE REFERENCE: 00786/350007
CURRENT APPLICATION NUMBER: US/09/244,796
CURRENT FILING DATE: 1999-02-05
EARLIER APPLICATION NUMBER: 60/035,963
EARLIER FILING DATE: 1997-01-27
EARLIER APPLICATION NUMBER: 60/064,491
EARLIER FILING DATE: 1997-11-06
EARLIER APPLICATION NUMBER: 09/007,005
EARLIER FILING DATE: 1998-01-14
NUMBER OF SEQ ID NOS: 33
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 17
LENGTH: 289
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Translation template
NAME/KEY: misc feature
LOCATION: (1)-(289)
OTHER INFORMATION: n = A,T,C or G
US-09-244-796-17

Query Match 3.1%; Score 34.6; DB 4; Length 289;

[illegible]

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[illegible]

RESULT 13
 US-08-484-993B-40/c
 Sequence 40. Application US/08484993B
 Patent No. 5837497
 GENERAL INFORMATION:
 APPLICANT: Harris Ph.D., Jeffrey D.
 APPLICANT: Hsu, Kuang T.
 APPLICANT: Podolski, Joseph S.
 TITLE OF INVENTION: Materials and Methods for Immunoccontraception
 NUMBER OF SEQUENCES: 59
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
 STREET: 6300 Sears Tower, 233 South Wacker Drive
 CITY: Chicago
 STATE: Illinois
 COUNTRY: United States of America
 ZIP: 60606-6402
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/484,993B
 FILING DATE: 09-NOV-1993
 CLASSIFICATION: 424
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/012,990
 FILING DATE: 29-JAN-1993
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 07/973,341
 FILING DATE: 09-NOV-1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Clough, David W.
 REGISTRATION NUMBER: 36,107
 REFERENCE/DOCKET NUMBER: 31745
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 312/474-6653
 TELEFAX: 312/474-0448
 TELEX: 25-3856
 INFORMATION FOR SEQ ID NO: 40:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1701 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 FEATURE:
 NAME/KEY: CDS
 LOCATION: 1..1698
 US-08-484-993B-40
 Query Match 2.8%; Score 31.4; DB 2; Length 1701;
 Best Local Similarity 48.6%; Pred. No. 9.5;
 Matches 86; Conservative 0; Mismatches 91; Indels 0; Gaps 0;
 950 ACAAACTGGAAGAAAGACGTCAGGCTGCACAGAGTCTGCGATACGAGGAATCGACTT 1009
 1646 ACTAACAGAGCTCCAGAGATTAAAGTCCAGAAAGGCTGCGACCCACAGAACTTTGGAG 1587

Qy 1070 CACCAGGGCCAAATGATTCACACAGGCTCTCGAGCCAGTTGGCCATCATTCA 1126
Db 1526 CCTTGCTAGAAACACTAGCAGTAGTGTTCTGAGAACTGTTGCAAAATTTCTTCTT 1470

Search completed: June 9, 2003, 07:07:18
Job time : 72 secs